



external input for disc management information selected by a user among plural kinds of the disc management information obtained from the at least one disc management information storage area, wherein

the control means control the reading means so as to read the audio/video sequence information, the object position information, the title set position information and the disc management information from the optical disc, to play back the audio/video data successively in accordance with the disc management information, the title set position information, the audio/video sequence information and the object position information, and

when an instruction for selecting one of the plural kinds of disc management information is given, the control means select the disc management information in accordance with the instruction, and perform control so as to play back the audio data or video data on the basis of the title set position information included in the disc management information, the sequence information, and the object position information.

2. An apparatus for playing back an optical disc in which at least one audio title set or video title set, audio disc management information and video disc management information for respectively managing whole titles in the

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audio title set or video title set, audio/video sequence information, object position information, and title set position information are stored in the medium, comprising:

information reading means for reading the audio title set or video title set, the audio disc management information, the video disc management information, the audio/video sequence information, the object position information and the title set position information from the optical disc, and storing the audio/video sequence information, the object position information, and the title set position information in a buffer memory;

storing means which contain the read audio disc management information and video disc management information, respectively;

external input receiving means for receiving an external input for disc management information which is stored in the storage means and selected by a user; and

control means for controlling the information reading means so as to read required audio data or video data from the optical disc on the basis of one of the audio disc management information and video disc management information selected by the external input receiving means, to play back the data.

3. The optical disc playback apparatus of Claim 2 wherein

said control means control the reading means so as to play back audio or video data on the basis of the title set position information indicating a position of a title set included in the selected audio disc management information or video disc management information, the sequence information stored in the buffer memory which indicates a playback order of the audio or video data, and the object position information indicating positions of the audio or video data on the optical disc.

4. A method for playing back an optical disc in which at least one audio title set or video title set, audio disc management information and video disc management information for respectively managing titles in the audio title set or video title set, audio/video sequence information, object position information, and title set position information are stored in the medium, comprising steps of:

reading the audio title set or video title set, the audio disc management information, the video disc management information, the audio/video sequence information, the object position information and the title set position information from the optical disc;

storing the read audio disc management information and video disc management information, respectively;

reading required audio data or video data from the optical disc on the basis of the audio disc management information or video disc management information selected in accordance with a selection instruction signal which is input from outside, and playing back the data.

5. An optical disc playback apparatus for playing back data which are recorded on an optical disc having a physical layer specifying a physical structure, a file layer specifying a data file structure and at least two application layers specifying application structures disposed on the common physical layer and file layer, comprising:

information reading means for reading respective management information in the plural application layers, and data, sequence information, object position information and title set position information included in applications;

storage means which contain the plural management information read by the information reading means;

selection means for selecting desired management

control means for controlling the information reading means so as to read required data from the optical disc on the basis of the desired management information selected by the selection means and play back the data.